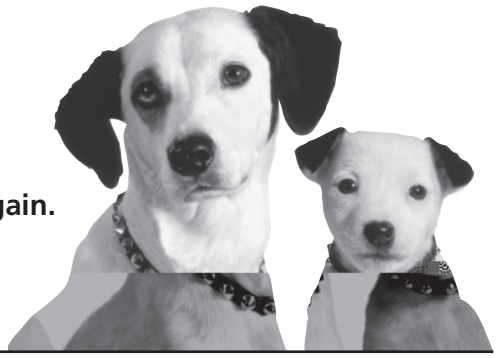
DVD Player User's Guide

DRC616N

Changing entertainment. Again.



A THOMSON BRAND

WARNING
RISK OF ELECTRIC SHOCK. DO NOT OPEN.

To reduce risk of electrical shock do not remove cover or back (no user serviceable parts inside). Refer servicing to qualified personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

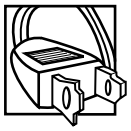
This symbol indicates important instructions accompanying the product

FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This class B digital apparatus meets all requirements of the Canadian Interference--Causing Equipment Regulations.



Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

Caution: To prevent electric shock match wide blade of plug to wide slot fully insert.
Attention: Pour éviter les chocs électriques introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Product Registration: Please fill out the product registration card (packed separately) and return it immediately. For U.S. customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/productregistration Registering this product allows us to contact you if necessary.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the player.

Model number:_____ Serial Number:_____
Purchase date:_____
Dealer address and phone:_____

WARNING To reduce the risk of fire or shock hazard do not expose this DVD player to rain or moisture. No objects filled with liquids such as vases shall be placed on the apparatus.

CAUTION
THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CAUTION
FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Note:
This device is protected by U.S. patent numbers 4 631 603 and 4 577 216 and 4 819 098 and other intellectual property rights. The use of Macrovision's copy protection technology in the device must be authorized by Macrovision and is intended for home and other limited pay-per-view uses only unless otherwise authorized in writing by Macrovision. Reverse engineering or disassembly is prohibited.

This DVD player is designed and manufactured to respond to the Region Management Information. If the Region number of a DVD disc does not correspond to the Region number of this DVD player this DVD player cannot play the disc. The Region number for this DVD player is Region No 1.

Apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids such as vases shall be placed on the apparatus.

CLASS 1 LASER PRODUCT

Table of Contents

Chapter 1: Setup and Connections

What's in the Box **2**
Attaching the Battery **3**
Removing the Battery **3**
Initial Setup of the Remote Control **3**
The Player's Power Supply **4**
Connecting your DVD Player to Other Components **5**
Buttons, Jacks, and Controls **6**
The Remote Control **8**
Using the MODE Button **9**
Using Different Menus **10**

Chapter 2: Playing Discs

Compatible Discs **11**
Regional Coding **11**
Turn on the DVD Player **11**
How to Load and Play a Disc **11**
Playback Options **12**
SHIFT Button 12
Picture Scan 12
Freeze Frame and Frame Advance 12
Slow Motion 12
Skip Forward/Backward 12
Using the On-Screen Info Displays **13**
Title/Track/PBC Icon 14
Chapter Icon 14
Time Display 14
Audio Language Icon 14
Subtitles Icon 15
Camera Angle Icon 15
Sound Icon 15
Other Playback Features 16
Repeat 16
A-B Repeat 16
Random Playback 16
Progam Playback (Video CD) 16
Creating a Bookmark 16
Clearing a Bookmark 17
Zoom (Program) 17
Playing mp3, WMA, and/or JPEG Files **17**
Music Menu 18
Photo Menu 18
Movie Menu 18

Chapter 3: Menu System

The DVD Player Menu System **19**
The LANGUAGE Menu **19**
The DISPLAY Menu **20**
TV Aspect 20
Display Mode 21
The AUDIO Menu **21**
Dolby Digital and DTS 21
Sample Freq. 22
Digital Output 22
The LOCK (Parental Control) Menu **23**
Rating 23
Password 23
Country Code 24
Others Menu **24**
PBC (Playback Control) 26
Auto Play 24
B.L.E. (Black Level Expansion 25
Load Default 25
Screen Saver 25
Lastplay 25

Chapter 4: Additional Information

Troubleshooting **26**
Country Codes **28**
Language Codes **30**
Maintenance of Cabinet **32**
Handling Cautions **32**
Recommendations and Information Concerning Discs **33**
Limited Warranty **35**
Accessory Information **37**

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

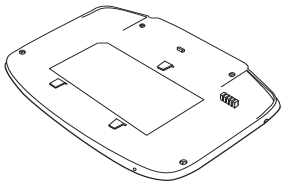
DRC616Book 1 11/4/04 10:30:00 AM

Chapter 1 Connections and Setup

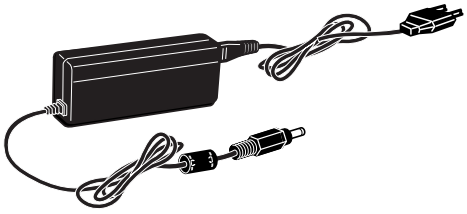
What's in the Box

Thank you for purchasing the DVD Player. Unpack the box completely and tear off any protection films.

Portable DVD Player



DVD Battery



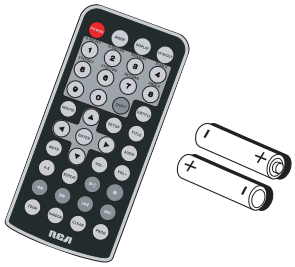
Power Adapter and Charger

Car Adapter

Carrying Bag
(not shown)

Audio/Video Cable

S-Video Cable



Remote Control with 2 AAA Batteries

User's Guide

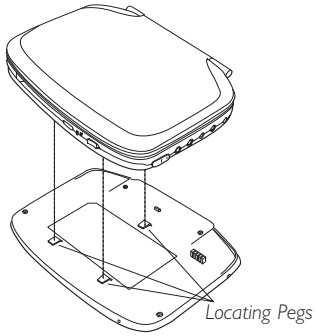
Important: Graphics in this User's Guide are for representation only. Your unit and its operation may differ slightly.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 2 11/4/04 10:30:01 AM

Attaching the Battery

The battery has 3 locating pegs which must be inserted into the 3 holes beneath the player.



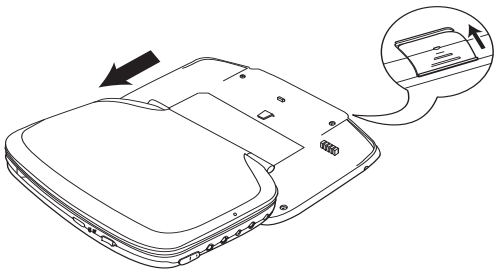
Locating Pegs

1. Lay the battery down flat as shown in the illustration.
2. Place the player on top of the battery so that the battery's locating pegs fit into the fixing holes ( ) on the underside of the player.
3. Slide the player backwards on the battery until it clicks into place.

Note: Contact the applicable local govenmental office and your current waste removal provider for assistance in determining the appropriate disposal method in your area for old batteries.

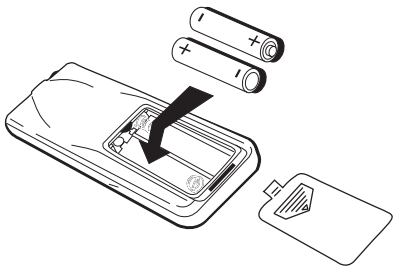
Removing the Battery

Remove the battery by pushing in on the tabbed arrow on the bottom of the battery and then sliding the player forward until it disengages from the locating pegs.



Initial Setup of the Remote Control

Install two AAA batteries into the remote control battery compartment located on the back of the remote.



In order to avoid any risk of explosion, observe polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not throw them into fire, do not recharge them. If you are not using the remote control unit for an extended period (several weeks), take the battery out.

Graphics are for representation only. Your unit may differ slightly.

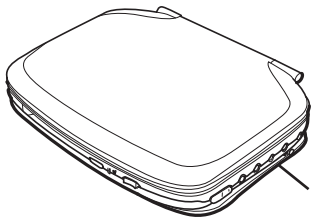
DRC616Book 3 11/4/04 10:30:03 AM

The Player's Power Supply

You can power your player either from the battery or power adapter. The battery must first be charged using the power adapter.

Using the battery

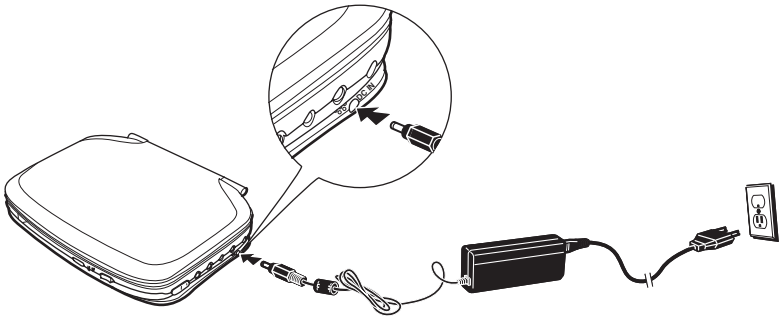
1. Install the battery as explained on page 3.



Battery

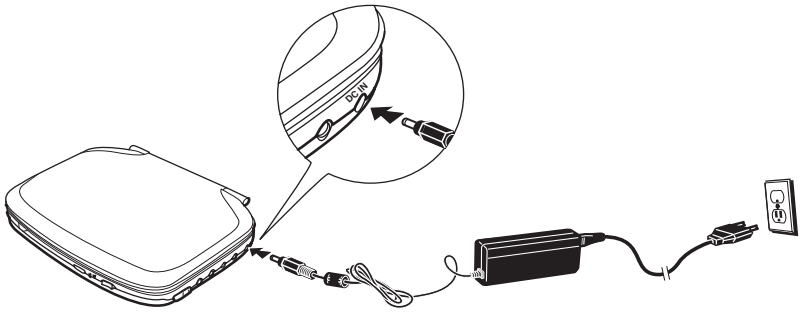
Charging the battery

1. Connect the output from the power adapter to the battery's DC IN socket. A red warning light comes on. This light goes out once the battery is fully charged.



Using the power adapter

1. Connect the output from the power adapter to the player's DC IN socket.
2. Connect the power adapter's supply cable to an AC power outlet.



Graphics are for representation only. Your unit may differ slightly.

DRC616Book 4 11/4/04 10:30:03 AM

Connections and Setup

Buttons, Jacks, and Controls

Graphics are for representation only. Your unit may differ slightly.

6 SKIP FWD/⏭ (next chapter): goes to next chapter (DVD) or track (CD).

7 ⏮/ REV (reverse): reverses playback.

8 ⏭/ FWD (forward): fast forwards playback.

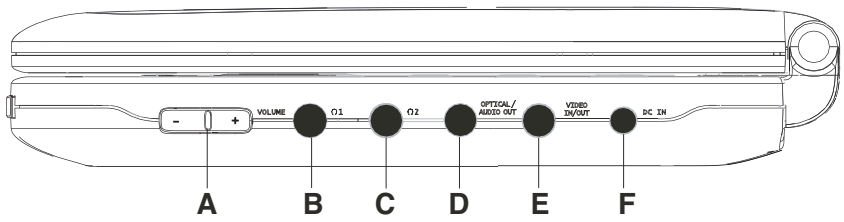
9 ENTER: selects the adjustment or menu item.

10 Navigation buttons ◀ ▶ ▲ ▼ : used to highlight on-screen items, and make some menu adjustments.

11 MODE: Accesses the LCD screen video options (***COLOR, CONTRAST, BRIGHTNESS, HUE***, ***REVERSAL, NORMAL,*** and ***RESET***). Use the ▲ or ▼ button to highlight the mode option. Then use the ◀ or ▶ to make adjustments.

12 Disc Compartment

13 OPEN/CLOSE: opens and closes disc compartment.



A Volume + / – adjustment.

B Headphones jack 1.

C Headphones jack 2.

D OPTICAL/AUDIO OUT jack

Note: *You can purchase an audio cable with a digital audio connector on one end and a mini-plug on the end that connects to the player. The audio cable that came with your player carries analog sound and can be connected here.*

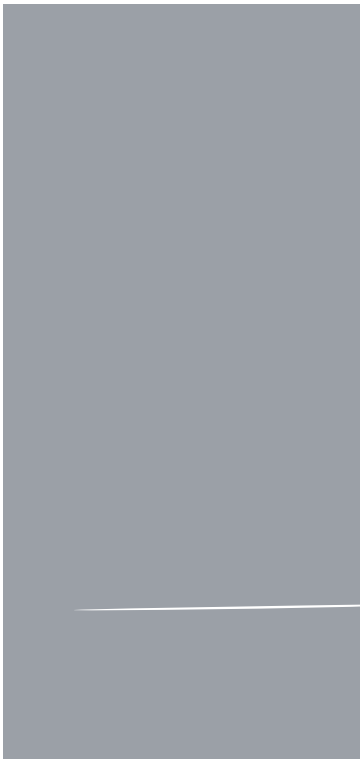
E VIDEO IN/OUT/S-VIDEO jack to connect a component that has VIDEO or S-VIDEO jacks.

F DC IN jack to connect battery or power adapter.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 7 11/4/04 10:30:06 AM

The Remote Control



Buttons listed alphabetically

A-B	Define a specific segment on the disc that you want to repeat. See page 16 for more information.
ANGLE (8)	In combination with SHIFT, accesses the Camera Angle option of DVD disc.
AUDIO	
AV IN/OUT	Accesses the device that is connected to the audio/video jacks on the player.
BOOKMARK (3)	In combination with SHIFT, lets you mark a point on the disc so you can quickly start playing the disc from that point.
CLEAR	Removes on-screen menus and displays.
DISPLAY	Accesses the Info Display.
MENU/PBC	When playing a disc, accesses the disc's menu. Also turns the Playback Control (PBC) menu on and off. The PBC feature is used with some VCD and SVCD discs (Karaoke discs).

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 8 11/4/04 10:30:06 AM

MODE (LCD)	Accesses the video settings of the LCD screen. See the MODE options below.
MUTE	Reduces the audio level to minimum level.
POWER	Turns the player on or off.
PROG (Progam)	Supports a special function for VCD discs only.
RANDOM	Turns random playback on and off for VCD, SVCD, and CD discs. *Note: To use random playback for the VCD and SVCD discs, the PBC function must be turned off.*
REPEAT	Repeat the title or chapter of the disc. Press repeatedly to scroll through the options (CHAPTER, TITLE, or OFF).
RETURN (7)	In combination with SHIFT, stops playback and returns to Playback Control (PBC) menu.
SEARCH (4)	In combination with SHIFT, brings up the Bookmark.
SETUP	Accesses the DVD Player's menu.
SHIFT	Used in combination with the number buttons that are used for dual functions.
SLOW FWD (2)	In combination with SHIFT, accesses forward slow motion during playback. Press several times to change playback speed.
SLOW REV (1)	In combination with SHIFT, accesses reverse slow motion during playback. Press several times to change playback speed.
STEP FWD (6)	In combination with SHIFT, accesses frame advance in forward motion during playback.
STEP REV (5)	In combination with SHIFT, accesses frame advance in reverse motion during playback.
SUBTITLE	Accesses the Subtitle in the Info Display.
TITLE	Accesses the disc's Title menu, if available. On a CD with mp3, WMA, and JPEG, press TITLE to switch between *Music*, *Photo*, and *Movie* options.
VOL -	Decreases the volume.
VOL +	Increases the volume.
ZOOM	Enlarges the picture on the screen (DVD, VCD, and JPEG only).

Using the MODE Button

The MODE button brings up the LCD picture menu. You can adjust the picture video options: *COLOR, CONTRAST, BRIGHTNESS, HUE, REVERSAL, NORMAL* and *RESET* using the navigation ◀ ▶ ▲ ▼ and ENTER buttons to make adjustgments.

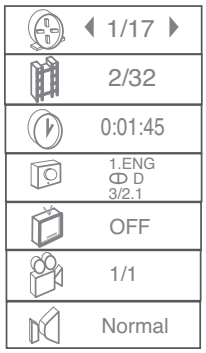
COLOR adjusts the richness of the color.
CONTRAST adjusts the difference between the light and dark areas.
BRIGHTNESS adjusts the brightness.
HUE adjusts the balance between red and green levels.
REVERSAL turns the image upside down.
NORMAL adjusts the 4:3 or normal LCD screen's format.
RESET adjusts all MODE options back to the factory settings.

Graphics are for representation only. Your unit may differ slightly.

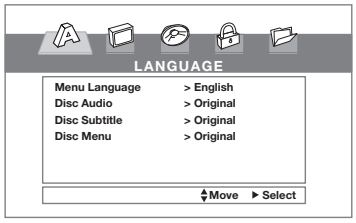
Using Different Menus

Each disc is programmed with different features. There are three separate types of menus that you can use to access features:

- **The Disc menu –** The Disc menu is part of each disc and is separate from the DVD player's menu. The contents of each Disc menu vary according to how the disc was authored and what features were included on the disc. The Disc menu is turned on and off (while the disc is playing) with the MENU button on the remote.



- **The DVD player's Info Display –** The Info Display appears as icons vertically on the left side of the screen. It can only be accessed while you are playing a disc. It's turned on and off with the DISPLAY button on the remote control.



- **The DVD player menu –** The DVD player's menu system is accessed when a disc is playing or in the stop mode. It appears automatically when you press the SETUP button on the remote.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 10 11/4/04 10:30:07 AM

Chapter 2 Playing Discs

Compatible Discs

This DVD Player is capable of playing the following types of discs: DVDs, Video CDs, and CDs with mp3 files, WMA files (Windows Media Audio), and JPEG files on them. Before you put a disc in the player, make sure it is compatible.

You can't play the following types of discs: Laserdiscs, CD-I, CD-ROM (computer-only discs), DVD-ROM, or discs recorded using other broadcast standards (i.e. PAL or SECAM); CD-G discs.

Note: Some discs may not be compatible due to laser pickup and design.

Regional Coding

Both the DVD Player and the discs are coded by region. These regional codes must match in order for the disc to play. This player's code is **Region 1**. ALL means all regions. Other regions are: 2: Europe, the Middle East, Rep. of South Africa, Japan; 3: Southeast Asia, Taiwan; 4: Central America, South America, Australia, Mexico, New Zealand; 5: Russian Federation, Africa (except Egypt and Rep. of South Africa), India, Pakistan; 6: China.

Turn on the DVD Player

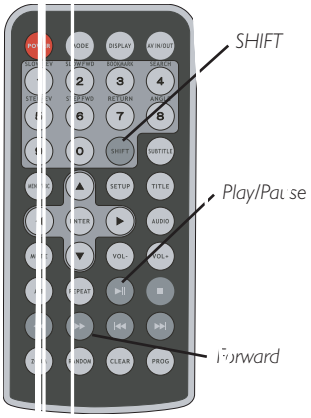
1. Sit the player on a table or on a steady surface.
2. Unlock the screen by pushing the LCD switch to the right.
3. Raise the screen to the open position.
4. Press and hold the ON button on the DVD player (approximately 3 seconds) or press the POWER button on the remote control to turn on the DVD player.

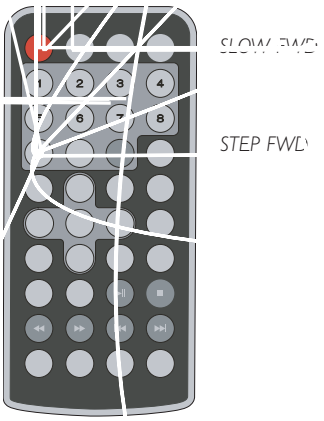
How to Load and Play a Disc

1. Press the OPEN/CLOSE area (the disc compartment door opens). Place a disc gently into the tray with the disc's label facing up (double-sided discs have content on both sides, so you can place the disc with either side up).
2. Close the disc compartment. The DVD Player reads the disc's table of contents, and then one of three things happens depending on how the disc was programmed:
   - The disc starts playing.
   - The disc menu appears. One of the options will start playing the disc. Highlight that option and press ENTER.
   - The DVD Player's main menu appears (since the *Play* menu is already highlighted, just press the ENTER button) or press PLAY.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 11 11/4/04 10:30:08 AM





Playback Options

To search a disc using the remote control, you can use the Fast Forward, Reverse, SLOW FWD, SLOW REV, STEP FWD, or STEP REV button.

SHIFT button - The SHIFT button on the remote control is used in combination with some number buttons which have a second function. The number buttons that have a dual function are labeled as SLOW REV, SLOW FWD, BOOKMARK, SEARCH, STEP REV, STEP FWD, RETURN, and ANGLE.

1. PRESS SHIFT. The Shift symbol ▲ appears letting you know the second function of a dual-function button can be accessed.
2. Press one of the numbered dual-function buttons.
3. Press Play/Pause to return playback.

Picture Scan (⏭/⏮) - During playback, pressing Fast Forward (⏭) or Reverse (⏮) scans the disc. For DVD discs, there are 4 speed levels: 2x, 4x, 16x, 100x. For other discs, there are 3 speed levels: 2x, 4x, 8x. To resume normal playback, press Play/Pause.

Freeze Frame and Frame Advance [STEP REV (5) or STEP FWD (6)] – While a disc is playing, press SHIFT, then STEP FWD or STEP REV button, (each press advances the picture to the next (or previous) frame. When using the frame advance feature, you can switch to slow motion by pressing or 2 button. To resume normal playback, press Play/Pause.

Note: If you pause a DVD disc or VCD disc for a long period of time, the video will disappear from the screen. Press any button on the remote to revert to the place on the disc where you paused playback.

Slow Motion - While a disc is playing, press SHIFT, then SLOW FWD or SLOW REV (each press increases or slows the speed of the disc). While in slow motion, you can also access frame advance by pressing the 5 or 6 buttons. To resume normal playback, press Play/Pause.

Skip Forward/Backward

While a disc is playing, you can skip forward or backward a chapter or track at a time by pressing the ⏮ or ⏭ button.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 12 11/4/04 10:30:09 AM

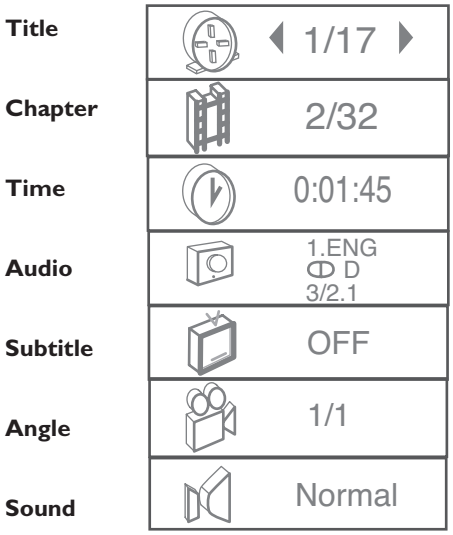
Using the On-Screen Info Displays

The Info Display appears vertically on the left side of thescreen when you press the DISPLAY button on the remote while you're playing a disc. Use the ▲ or ▼ buttons on the remote to highlight different icons. Once an icon is highlighted, follow the on-screen instructions, and use the ◀ and ▶ buttons to scroll through the options.

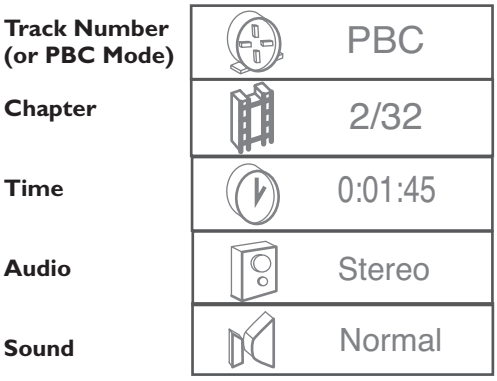
You can only access the Info Display when you're playing a disc. Also, the Info Display features are only available if the disc was created with that particular feature. If one of the icons doesn't appear in the display, the feature isn't available for the disc you're playing. If no button is pressed within 10 seconds, the Info Display disappears.

The invalid symbol appears on the screen when you press a button that doesn't have any function. To make the Info Display disappear from the screen, press DISPLAY on the remote.

DVD Info Display



Video CD (VCD)



Graphics are for representation only. Your unit may differ slightly.

DRC616Book 13 11/4/04 10:30:10 AM

Title/Track/PBC Icon

Graphics are for representation only. Your unit may differ slightly.

Notes: The language feature only works if the disc was created with multiple language tracks. If the disc doesn't contain the language you selected, the disc will play in the default language.

When you choose an audio language during disc playback, you only override the audio language setting in the DVD Player's main menu temporarily.

The audio language can also be changed through the DVD player menu.

Subtitles Icon (DVD Info Display)

By default, subtitles are off. To turn subtitles on:

1. With Info Display on the screen, press the ▲ or ▼ button until the Subtitle icon is highlighted.
2. To turn subtitles on or change the language, press the ◀ and ▶ button repeatedly to see what settings are available.
3. To turn subtitles off, follow steps above until *OFF* appears.

Notes: Changing the subtitle language with the Info Display affects only the disc you are currently playing. When the disc is removed or the player is turned off, the subtitle language reverts to the language setting specified through the DVD player's main menu.

If the disc doesn't contain the language you select, the disc's default language is automatically selected.

Some discs are programmed to only allow access to the subtitle feature through the disc's menu. To access the disc's menu, press the MENU button.

Camera Angle Icon (DVD Info Display)

Some discs contain multiple angles of a particular scene or sequence. If the disc only has one angle, this feature won't work. Currently, very few discs have this feature.

1. While a disc is playing, press DISPLAY or ANGLE on the remote. If the disc wasn't created with multiple angles, the invalid symbol appears. If the disc contains multiple angles, the Angle icon appears with the current angle number and the number of angles available. For example, 1/4 indicates that Angle 1 is displayed and there are 4 different angles available.
2. Press the ◀ or ▶ button to see the next angle.
3. To resume normal playback, scroll through the camera angles until *OFF* appears.

Sound Icon (DVD and VCD Info Display)

The sound option lets you select different settings to enhance the audio output of the disc. The settings vary with the type of disc.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 15 11/4/04 10:30:11 AM

Other Playback Features

Using the remote control enables you to access some of the more advanced playback features such as Repeat, Random, Program, Bookmark and Zoom. All are accessed using the remote control.

Repeat

By default the Repeat feature is Off. The options available depend upon the type of disc you're playing.

- With DVD discs you can repeat the title, chapter, or use A-B Repeat.
- With Audio CDs you can repeat the disc, a track, or create a program that plays repeatedly.

Repeating Titles, Chapters, or Tracks

While a disc is playing, press REPEAT on the remote control repeatedly to scroll through the Repeat options of Title, Chapter and OFF.

A-B Repeat (DVD, VCD, SVCD)

A-B Repeat lets you define a specific segment on the disc that you want to repeat. To watch a scene over and over:

1. Press the A-B button to set point A at the beginning of the segment that you want to repeat.
2. Allow the disc to play to the end of the segment you want to repeat to set point B. Press the A-B button to set the B point (the segment will play repeatedly until you turn off the Repeat feature). Don't fast forward - the disc has to play in standard playback mode.
3. To turn off the Repeat feature, press the A-B button a third time to cancel A-B Repeat function and reutrn to normal playback. Repeat is also cancelled when you eject the disc.

Random Playback

The Random playback function is only used with VCD, SVCD, and CD discs when the Playback Control (PBC) function is turned off. To access random playback, press RANDOM on the remote control to play the track on the disc in random order.

Program Playback (Audio CD)

Program playback function is not available on DVD discs, only audio CD discs. It allows you to enter the order of how you want the tracks to play. The Playback Control (PBC) must be turned off and the disc in the pre-stop mode.

1. Press the MENU/PBC button to turn *PBC* option *OFF*.
2. Press STOP once to place the player in pre-stop mode.
3. Press PROG to enter Program Playback.

Creating a Bookmark

1. Press the SHIFT button, the symbol appears.
2. When the disc reaches the scene you want to mark, press the BOOKMARK button on the remote (the bookmark icon appears).
3. To add another bookmark, repeat steps 1 and 2.
4. To access the bookmarks, press the SHIFT button then press SEARCH. The bookmarks appear.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 16 11/4/04 10:30:12 AM

5. Use the ◀ or ▶ button to move the cursor to the bookmark you want to play. Press ▶II (play) or ENTER. The Search display disappears automatically after a few seconds.

Clearing a Bookmark

The bookmarks are erased each time you remove a disc from the player or when the power is turned off.

1. While you're playing a disc, press the SHIFT button then press SEARCH to bring up the bookmarks display.
2. Use the ◀ or ▶ button to move the cursor to the bookmark you want to delete. Press CLEAR to delete.

Zoom (Program)

The Zoom playback function is used to magnify an image and includes two options (2X or 4X). In addition to magnifying the image, you can pan and scan.

1. While you're playing a disc, press ZOOM (the player zooms in on the image). Each time you press ZOOM, the picture is magnified even more.
2. To see other parts of the picture when you've zoomed in on the image, try pressing the ▲, ▼, ◀, and ▶ buttons to go in corresponding directions. This feature is called pan and scan.

Playing mp3, WMA, and JPEG files

mp3 is an audio file format which compresses recorded music. It was developed by Fraunhofer Gesellschaft in collaboration with Thomson Inc. The main advantage of the mp3 format is the ability to store CD-quality music tracks that are user-friendly and compressed on a personal computer.

WMA (Windows Media Audio) is another audio file format, developed by Microsoft.

JPEG files are image files. Make sure that they have a resolution of less than 5 megapixels.

Note: The time taken for the contents of the disc to be displayed varies according to the size and number of JPEG files actually on the disc. If nothing is displayed after a few minutes, it is likely that certain files are too large. In this case, reduce the files' resolution to less than 5 megapixels and write another disc.

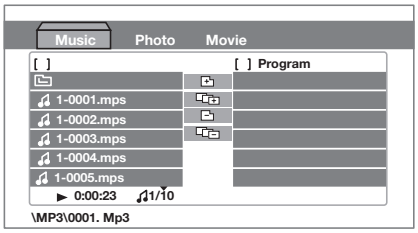
Before inserting a disc, check that it is compatible with the player (page 11).

1. Turn on the DVD and open the disc tray by pressing the OPEN/CLOSE of the disc compartment.
2. Place the disc in the tray with the printed side facing up; the disc's contents are displayed.
3. Press TITLE to switch between *Music, Photo,* and *Movie* options.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 17 11/4/04 10:30:13 AM

Playing Discs



Music Menu

The *Music* menu is divided into three sections: Playback List, Edit area in the middle (Add, Add All, Delete, or Delete All), and Program List.

- Press Play or Enter on the highlighted folder in the playback list to view the folder contents, or play the corresponding audio files in the playback list or program list.
- Use the Add, Add All, Delete, or Delete All options to edit the program list.
- Press CLEAR to remove a file when it is highlighted in the program list.

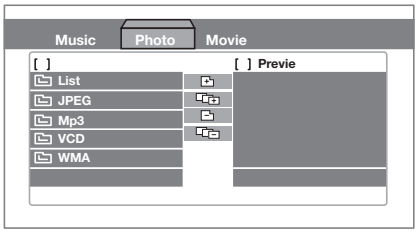
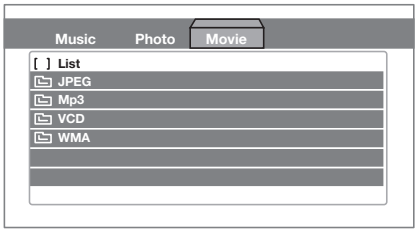


Photo Menu

The *Photo* menu is divided into three sections: Playback List, Edit area in the middle (Slide Show, Mix, Speed), and Preview Window.

- Press Play/PAUSE or ENTER on the highlighted folder in the playback list to view the folder contents. A minimized version of the picture appears in the Preview area of the menu.
- Press Enter when the Slide Show (Edit area) is highlighted to view all the pictures in that folder.
- You can mix background music with the slide show by highlighting Mix icon in the Edit area and pressing ENTER.
- Use the Speed option to adjust the time during each picture transition.



Movie Menu

The *Movie* menu contains a Playback List.

- Press Play/PAUSE or ENTER when a folder in the Playback List is highlighted to see the time during the picture transition.

Note: The time taken for the contents of the disc to be displayed varies according to the size and number of JPEG files actually on the disc. If nothing is displayed after a few minutes, it is likely that certain files are too large. In this case, reduce the files' resolution to less than 5 megapixels and write another disc.

Graphics are for representation only. Your unit may differ slightly.

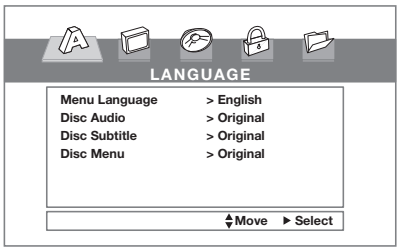
DRC616Book 18
11/4/04 10:30:13 AM

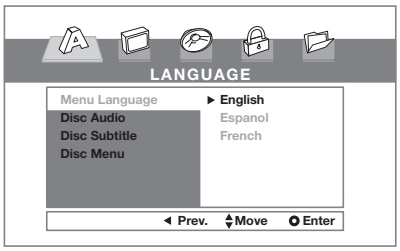
Chapter 3 Menu System

The DVD Player Menu System

Press the SETUP button on the remote control to bring up the DVD player menu system. Use the arrow buttons ▲, ▼, ◀ or ▶ on the remote to move through different menu items. Use the ENTER button to select or change a menu that is highlighted.

Throughout the menu system, text appears at the bottom of the menu to explain what to do. To return to a previous menu, press the ◀ (left arrow) button.





The LANGUAGE Menu

The *Language* menu enables you to set preferred language options for:

- *Menu Language* (the DVD Player's menu system)
- *Disc Audio* (the dialogue of DVD titles)
- *Disc Subtitles*
- *Disc Menu*

The way you choose languages is the same for each of the *Languages* submenus.

1. Turn on the DVD player (disc can be playing).
2. Press the SETUP button on the remote to bring up DVD player's menu, the LANGUAGE menu is automatically highlighted (use the ◀ or ▶ button to highlight the menu).
3. Use the ▲ or ▼ buttons to highlight an item in the menu.
4. Use the ▶ button to highlight the setting of the item. Press ENTER to select.
5. To return to the previous menu, press the ◀ button if necessary. To remove the menu from the screen, press SETUP.

Notes: For the Disc Audio, Disc Subtitle, and Disc Menu language, you can access other languages in addition to those listed. When you highlight "Other" in the languages, enter the 4-digit number of the language you prefer. The "Language Code List" is on page 30.

Discs are created differently. The DVD player can't override some language preferences. If a disc's software was created to play the movie (title) in a preferred language, the preference you set might be ignored.

Also, if the language isn't available on the movie you're playing, the disc's default language will be chosen.

You must turn on the Subtitle feature in order for them to appear when you're playing a disc.

If the disc wasn't created with subtitles, you won't be able to use the Subtitle feature.

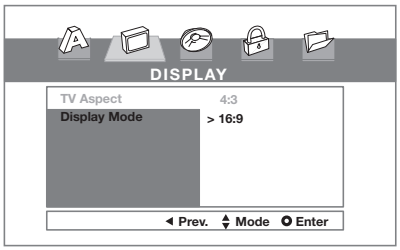
If the disc wasn't created with the Subtitle language you choose in the Subtitles menu, the discs default subtitle language will be chosen.

Graphics are for representation only. Your unit may differ slightly.

Menu System

The DISPLAY Menu

The *DISPLAY* menu contains the TV Aspect and Display Mode options that affect how a disc's content looks if the DVD player is connected to your TV.



TV Aspect

The *TV Aspect* option adjusts the way a movie appears on your TV. Standard TVs are 4 x 3 format. Depending on the type of television you have, you may want to adjust the screen setting (also called the aspect ratio).

1. With the player on, press SETUP (menu system appears).
2. Use the ▶ button to highlight the *DISPLAY* icon.
3. Use the ▲ or ▼ buttons to highlight your choice (options explained below).
4. Use the ▶ button to highlight the setting of the item. Press ENTER to select.
5. To return to the previous menu, press the ◀ button if necessary. To remove the menu from the screen, press SETUP.

4:3 – Choose this option if you want the movie to fill the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen. Most discs that are produced in a widescreen format can't be cropped in this fashion.

16:9 – Choose this option if your DVD Player is connected to a widescreen TV. If you choose this setting and you don't have a widescreen TV, the images on the screen might appear distorted due to vertical compression. If you play a disc recorded in 4 x 3 format on a widescreen TV, the left and right side of the screen will appear black.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 20 11/4/04 10:30:15 AM

Display Mode

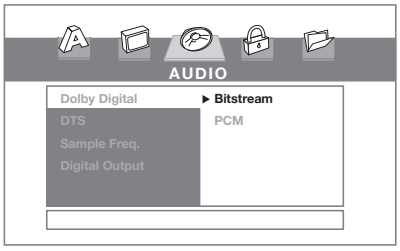
The *Display Mode* option can only be modified when the TV Aspect option is set to 4:3. The two options included in the Display Mode are *Letterbox* and *Panscan*.

Letterbox – Choose this option if you want to see movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.

Panscan – Choose this setting if your DVD Player is connected to a standard TV. If you choose this setting and you don't have a widescreen TV, the images on the screen might appear distorted due to vertical compression. If you play a disc recorded in 4 x 3 format on a widescreen TV, the left and right side of the screen will appear black.

The AUDIO Menu

The *AUDIO* menu lets you adjust the player's settings to match the equipment you connected to your DVD Player and to use the DVD Player's sound features. The *AUDIO* settings are *Dolby Digital*, DTS, Sample Frequency,* and *Digital Output.*



Dolby Digital and DTS

The *Dolby Digital and DTS* options are *Bitstream and PCM. Dolby Digital* indicates the Dolby Digital output mode and *DTS* indicates the Digital Cinema output mode.

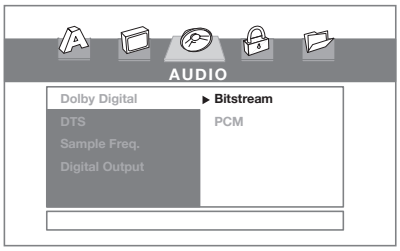
1. With the player on, press SETUP (menu system appears).
2. Use the ▶ button to highlight the *AUDIO* icon.
3. Use the ▲ or ▼ buttons to highlight your choice (options explained below).
4. Use the ▶ button to highlight the setting of the item. Press ENTER to select.
5. To return to the previous menu, press the ◀ button if necessary. To remove the menu from the screen, press SETUP.

*Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Graphics are for representation only. Your unit may differ slightly.

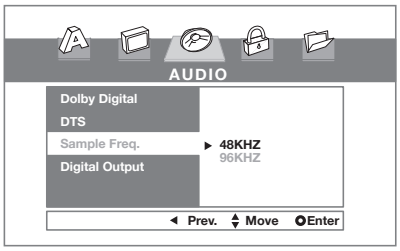
DRC616Book 21 11/4/04 10:30:16 AM

Menu System



Bitstream – Choose this option when the DVD Player is connected to an amplifier with a built-in DTS decoder, Dolby Digital decoder, MPEG decoder, or other audio equipment with digital audio output jack.

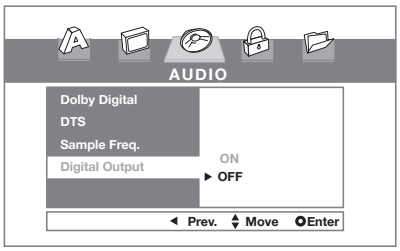
PCM – Choose this option when the DVD Player is connected to dual stereo digital audio equipment. When the DVD disc being played is recorded with the Dolby Digital, MPEG1/MPEG2 recording systems, the DVD Player selects ***PCM*** as the audio output.



Sampe Freq.

Sample Freq. provides the *48khz* and *96khz* options for processing the digital input with sampling frequency at 96 kHz.

When a connected receiver or amplifier is incapable of processing digital input with sampling frequency at 96khz, the DVD Player selects 48khz and automatically converts the 96khz singal into the 48khz signal. On the other hand, if the receiver or amplifier is capable of outputting digital signals at 96khz, the DVD Player selects 96khz and processes all signals.



Digtal Output

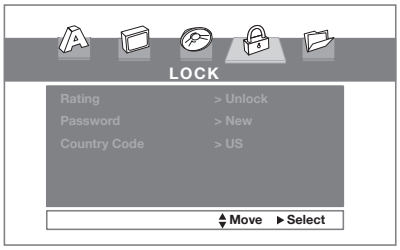
Digital Output is turned *ON* to enable the *Dolby Digital, DTS,* and *Sample Freq.* features.

Graphics are for representation only. Your unit may differ slightly.

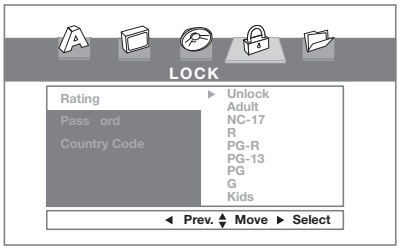
DRC616Book 22 11/4/04 10:30:17 AM

The LOCK (Parental Control) Menu

You can set up the rating limits and lock your player to control the type of content your family watches. The parental control feature is a rating system for DVDs, like movie ratings. The *LOCK* setup menu includes *Rating, Password,* and *Country Code* options used to set parental control. Before setting a parental control option, a *PASSWORD* screen appears to enter a password. If you choose not to enter a password at that time, you will be requested to enter a password (to set the *Rating* option) later if you want to lock the content.



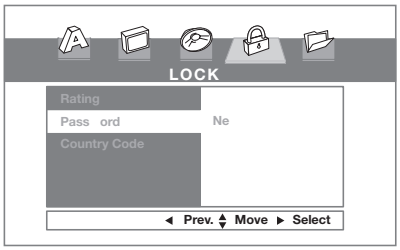
1. With the player on, press SETUP (menu system appears).
2. Use the ▶ button to highlight the *LOCK* icon.
3. Use the ▲ or ▼ buttons to highlight your choice (options explained below).
4. Use the ▶ button to highlight the setting of the item. Press ENTER to select.
5. To return to the previous menu, press the ◀ button if necessary. To remove the menu from the screen, press SETUP.



Rating

The Rating option lets you determine the parental control rating level. In the United States of America (USA), the rating feature is based on the ratings set up by the MPAA (Motion Pictures Association of America) such as R, PG, G, etc. Some countries use a different rating system.

If the disc rating is higher than the rating you set in unit, the disc cannot be played. The unit alerts you when you try to play a movie with a rating that exceeds the limit that has been set. If you choose to override the rating limit, you will need to enter your password to resume the disc playback.



Password

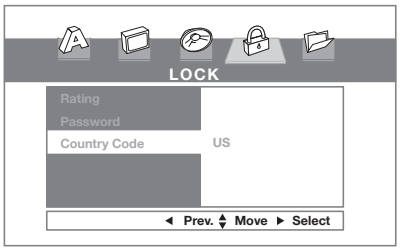
When the player is locked, you need to enter the password in order to play discs that have a higher rating than what you've allowed. If the player is unlocked, no password is required to play discs. Even if you've set rating limits, they won't be enforced when the player is unlocked.

Notes: There is no preset password when the player is shipped from the factory. It is unlocked. If you want to use the Parental Control feature, you must set the rating limits and lock the player with the menu.

If you forget your password, enter the factory preset password: **6512**.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 23 11/4/04 10:30:18 AM



Country Code

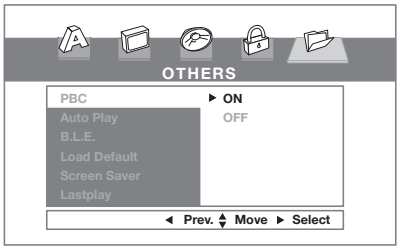
The *Country Code* is used to select the country of the disc. It is a prerequisite before the rating of the country can be selected. The DVD player is preset to **Region 1**.

The *Country Code* consists of two letters. Before you enter the *Country Code*, you are asked to input the password. Change the password by using the arrow buttons. Press ▲ or ▼ button to select the first letter and press the ► button to highlight the second letter. Then press ▲ or ▼ button to select the letter and press ENTER to confirm the country code selection. For the country code, refer to page 28.

The OTHERS Menu

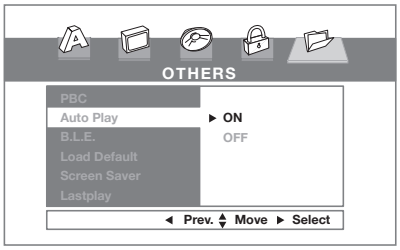
The *OTHERS* menu lets you adjust specific player options that enhance your portable DVD player. The *OTHERS* menu includes *PBC, Auto Play, B.L.E., Load Default, Screen Saver,* and *Lastplay*. These options are explained in this section.

1. With the player on, press SETUP (menu system appears).
2. Use the ► button to highlight the *OTHERS* icon.
3. Use the ▲ or ▼ buttons to highlight your choice (options explained below).
4. Use the ► button to highlight the setting of the item. Press ENTER to select.
5. To return to the previous menu, press the ◄ button if necessary. To remove the menu from the screen, press SETUP.



PBC (Playback Control)

The *PBC* option varies on how it works with different Video CDs. With most Video CDs, turning on Playback Control enables you to access the Video CD's menu if it has one. For normal VCD, the first track begins playback if *Auto Play* option is *ON*.

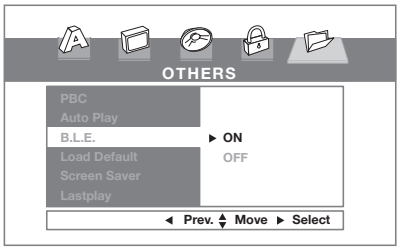


Auto Play

When you select *ON*, a pre-recorded DVD disc immediately starts playing after you insert it into the player (there's no need to press the PLAY button). For VCD and CD discs, the player automatically plays the disc from the beginning after it is recognized.

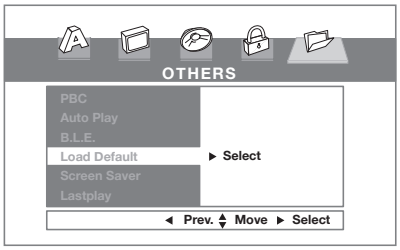
Graphics are for representation only. Your unit may differ slightly.

DRC616Book 24 11/4/04 10:30:19 AM



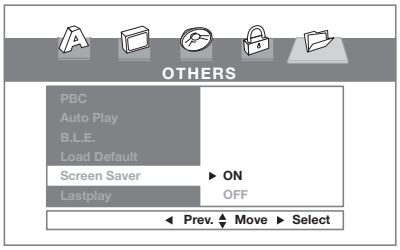
B.L.E. (Black Level Expansion)

The Black Level Expansion adjusts how bright the picture appears. Choose between *ON* and *OFF*.



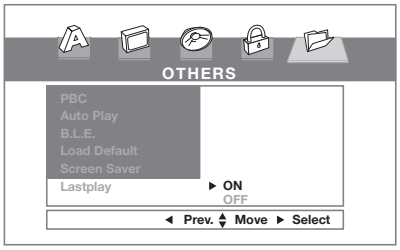
Load Default

This option returns the DVD player's SETUP menus to the factory default settings. It's a way to reset the settings you've made at one time instead of changing each one individually. Select *Load Default* in the *OTHERS* menu and press ENTER on the remote control.



Screen Saver

Your player is equipped with a screen saver that appears when the player has been id8m[en id8m[en id8m[en id8m[en id8m[en id8m[en id8m[en id8m[



Graphics are for representation only. Your unit may differ slightly.

Chapter 4 Additional Information

Troubleshooting

You can correct most problems you have with your product by consulting the Troubleshooting list that follows.

Note: If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA product, please visit www.rca.com/customersupport.

No power

- Make sure the plug on the battery cable or power adapter is pushed firmly into the DC IN jack on the unit.
- Check the AC power plug on the power adapter; it too should be pushed in firmly.
- Try connecting another component to the outlet to see if the outlet is working. If not, check the corresponding fuse or circuit breaker in your house's fusebox.
- If using the battery, make sure the battery is fully charged.

The remote control does not work

- The screen must be opened in order for the remote control to operate the player.
- Remember to point the remote control at the front of your player (towards the infrared sensor).
- The operating range of the infrared remote control is 3 or 4 meters (approximately 9 to 12 feet). This distance becomes less as the batteries wear out. This is a handy way of checking the battery state.
- Pay attention to any objects that might be between the remote control and your player. They can obstruct the sensor, causing the player to malfunction.
- Maybe the batteries in the remote are weak, dead, or installed incorrectly. Replace the batteries and make sure the polarity of the terminals (+ and -) is correct.
- Disconnect the DC IN plug from your player for a few seconds then plug it back.

Disc won't play

- Insert a disc with the label side facing up.
- Check the type of disc you put into the disc tray. This portable DVD player only plays DVD video discs, Video CDs, audio CDs, SVCDs and mp3s.
- Both the player and disc are coded by region. If the regional codes don't match, the disc can't be played. This portable DVD player is **Region No. 1.**

Picture Problems

- If your player is connected to a TV, make sure the video input channel is selected on the TV to view the video.
- Check that all the various plugs are completely plugged in.
- If picture is distorted, the disc might be damaged. Try another disc.
- During forward and reverse scanning, it is normal to see some picture distortion.
- Make sure you have selected the correct *TV Aspect* option (see page 20).

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 26 11/4/04 10:30:22 AM

The colors don't seem natural.

- Use the MODE button on the remote control to access the portable DVD player's video options and adjust accordingly.

The picture format does not match the screen format.

- The picture format is adjustable (page 20). Some discs dictate the format, in which case no adjustment is possible.

Sound Problems.

- Adjust the volume control on the side of the player.
- If a TV is used, check whether the sound is muted or turned down low.
- If a TV or audio/video receiver is used, make sure you use the correct input setting.
- You may need to readjust the settings in the *AUDIO* menu. See page 21.
- Sound is muted during still, frame advance, or slow-motion play.

Menu problems

- With a DVD: the disc menus are not displayed in your language. Read the disc jacket to see what languages are available on that disc. Choose one that suits you if possible (page 19).
- With a DVD: there are no subtitles. Read the disc jacket to see if subtitles are available on that disc. Choose subtitles in a language that suits you if possible (pages 15 and 30).
- The default language for dialogues and subtitles may be preset by the DVD. To change it, follow the instructions on page 15.
- You can also change languages while the disc is playing by pressing the SUBTITLE button. This choice applies only to the disc being played.
- If the player's setup menus are not displayed in the language you want, check that your language is among those listed in the *LANGUAGE* menu (page 19). If necessary, choose another language.
- To clear a menu from the screen, press the SETUP.

Parental Control problems

- If the ratings don't work, you must lock the settings. Go to page 23 and follow the directions for the *LOCK* menu.
- If you forget your password, use the factory preset password: **6512.**
- The default language for dialogues and subtitles may be preset by the DVD. To change it, follow the instructions on page 14.

Graphics are for representation only. Your unit may differ slightly.

Additional Information

Country Codes

Country	Code	Country	Code
Afghanistan	AF	Greenland	GL
Argentina	AR	Hong Kong	HK
Australia	AU	Hungary	HU
Austria	AT	India	IN
Belgium	BE	Indonesia	ID
Bhutan	BT	Islands	HM
Bolivia	BO	Israel	IL
Brazil	BR	Italy	IT
Cambodia	KH	Jamaica	JM
Canada	CA	Japan	JP
Chile	CL	Kenya	KE
China	CN	Kuwait	KW
Colombia	CO	Libya	LY
Congo	CG	Luxembourg	LU
Costa Rica	CR	Malaysia	MY
Croatia	HR	Maldives	MV
Czech Republic	CZ	Mexico	MX
Denmark	DK	Monaco	MC
Ecuador	EC	Mongolia	MN
Egypt	EG	Morocco	MA
El Salvador	SV	Nepal	NP
Ethiopia	ET	Netherlands	NL
Fiji	FJ	Netherlands Antilles	AN
Finland	FI	New Zealand	NZ
France	FR	Nigeria	NG
Germany	DE	Norway	NO
Great Britain	GB	Oman	OM
Greece	GR	Pakistan	PK

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 28 11/4/04 10:30:23 AM

Country	Code	Country	Code
Panama	PA	Spain	ES
Paraguay	PY	Sri Lanka	LK
Philippines	PH	Sweden	SE
Poland	PL	Switzerland	CH
Portugal	PT	Taiwan	TW
Romania	RO	Thailand	TH
Russian Federation	RU	Turkey	TR
Saudi Arabia	SA	Uganda	UG
Senegal	SN	Ukraine	UA
Singapore	SG	United States	US
Slovak Republic	SK	Uruguay	UY
Slovenia	SI	Uzbekistan	UZ
South Africa	ZA	Vietnam	VN
South Korea	KR	Zimbabwe	ZW

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 29 11/4/04 10:30:23 AM

Additional Information

Language Codes

Language Codes are used for the Disc Audio, Disc Subtitle, and Disc Menu settings.

Language	Code	Language	Code
Abkhazian	6566	Estonian	6984
Afar	6565	Faroese	7079
Afrikaans	6570	Fiji	7074
Albanian	8381	Finnish	7073
Ameharic	6577	French	7082
Arabic	6582	Frisian	7089
Armenian	7289	Galician	7176
Assamese	6583	Georgian	7565
Aymara	6588	German	6869
Azerbaijani	6590	Greek	6976
Bashkir	6665	Greenlandic	7576
Basque	6985	Guarani	7178
Bengali;Bangla	6678	Gujarati	7185
Bhutani	6890	Hausa	7265
Bihari	6672	Hebrew	7387
Breton	6682	Hindi	7173
Bulgarian	6671	Hungarian	7285
Burmese	7789	Icelandic	7383
Byelorussian	6669	Indonesian	7378
Cambodian	7577	Interlingua	7365
Catalan	6765	Irish	7165
Chinese	9072	Italian	7384
Corsican	6779	Japanese	7465
Croatian	7282	Javanese	7487
Czech	6783	Kannada	7578
Danish	6865	Kashmiri	7583
Dutch	7876	Kazakh	7575
English	6978	Kirghiz	7589
Esperanto	6979	Korean	7579

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 30 11/4/04 10:30:23 AM

Language	Code	Language	Code
Kurdish	7585	Shona	8376
Laothian	7679	Sindhi	8368
Latin	7665	Singhalese	8373
Latvian,Lettish	7686	Slovak	8375
Lingala	7678	Slovenian	8376
Lithuanian	7684	Somali	8379
Macedonian	7775	Spanish	6983
Malagasy	7771	Sudanese	8385
Malay	7783	Swahili	8387
Malayalam	7776	Swedish	8386
Maltese	7784	Tagalog	8476
Maori	7773	Tajik	8471
Marathi	7782	Tamil	8465
Moldavian	7779	Tatar	8484
Mongolian	7778	Telugu	8469
Nauru	7865	Thai	8472
Nepali	7869	Tibetan	6679
Norwegian	7879	Tigrinya	8473
Oriya	7982	Tonga	8479
Panjabi	8065	Turkish	8482
Pashto,Pushto	8083	Turkmen	8475
Persian	7065	Twi	8487
Polish	8076	Ukuainian	8575
Portuguese	8084	Urdu	8582
Quechua	8185	Uzbek	8590
Rhaeto-Romance	8277	Vietnamese	8673
Rumanian	8279	Volapuk	8679
Russian	8285	Welsh	6789
Samoan	8377	Wolof	8779
Sanskrit	8365	Xhosa	8872
Scots Gaelic	7176	Yiddish	7473
Serbian	8382	Yoruba	8979
Serbo-Croatian	8672	Zulu	9085

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 31 11/4/04 10:30:24 AM

Additional Information

Maintenance of Cabinet

For safety reasons, when cleaning the cabinet be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

Formation of Condensation

- Due to sharp changes in temperature and humidity, condensation may form if warm air comes in contact with any cold parts inside the player.
- When condensation forms inside the player, the player may not operate correctly. If this occurs, leave the player at room temperature until the inside of the player becomes dry and operational.
- If condensation forms on a disc, wipe the disc with a soft, dry cloth by moving the cloth from the center hole toward the outer edge.

Handling Discs

- Don't touch the disc's signal surfaces. Hold by the edges or by one edge and the hole in the center.
- Don't affix labels or adhesive tape to label surfaces. Don't scratch or damage the label.
- Do not use damaged (cracked or warped) discs.

Cleaning Discs

- Dirty discs can cause reduced video and audio performance. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
- If a disc becomes dirty, wet a soft cloth in water, wring it out well. Wipe the dirt away gently, and remove any water drops with a dry cloth.
- Do not use record-cleaning sprays or anti-static agents on discs. Also, never clean the discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

Handling Cautions

- Before connecting other components to this player, be sure to turn all components off.
- Don't move the player while a disc is being played. The disc may get scratched or broken, and the player's internal parts may be damaged.
- Don't put any container filled with liquid or any small metal objects on the player.
- Be careful not to put your hand into the disc tray.
- Don't place anything other than the disc in the disc tray.
- Exterior influences such as lightning and static electricity can affect normal operation of this player. If this occurs, turn the player off and on again or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.
- Be sure to remove the disc and turn off the player after use.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 32 11/4/04 10:30:24 AM

Recommendations and Information Concerning Discs

CD-R and CD-RW discs

This player can play most CD-R and CD-RW discs. However, depending on the recorder of the discs of your personal computer, the type of disc and recording method used, some discs might not play, or the performance might not meet the expected standard of quality. When playing a CD-R disc, it is completely normal for the unit to take up to 20 seconds to recognize the disc before it plays. If the disc is not recognized after a period of 20 seconds, remove the disc, and then insert it again. If after several trials, the disc cannot be recognized, make sure you have followed the recommendations below or try another type of disc.

- Whatever the actual recording capacity of a disc, do not fill it to maximum capacity.
- Use CD-R discs rather than CD-RW (re-recordable CDs), as replay of CD-RWs may sometimes not work properly.
- Use a reliable and good quality recording software.
- Before recording on a disc, close all applications on you personal computer in order to optimize the quality and reliability of recordings on the disc.

CD-R and CD-RW discs with mp3 format "Sound" files

In the case of discs that include mp3 files, follow not only the general recommendations for CD-R and CD-RW discs, but also the following specific recommendations:

- The format of your mp3 files should be ISO 9660 or JOLIET. These files are compatible with DOS and Windows applications as well as with Mac OS.
- Your mp3 files must have a name no longer than 12 characters as well as the suffix ".mp3". They must be recorded in the form: title.mp3. Ensure that you do not leave spaces or use special characters such as (. , / , \ , = ,+) in the name.
- Do not attempt to record protected mp3 files. Such files are coded and protected.
- Use a decompression transfer rate of at least 128 kb/sec (kilobytes/second) when recording mp3 files. Sound quality with mp3 files basically depends on the rate of compression/decompression you choose. Getting audio CD quality sound requires an analog/digital sampling rate, that is conversion to mp3 format, of at least 128 kb/sec and up to 160 kb/sec. However, choosing higher rates, like 192 kb/sec or more, only rarely give even better sound quality. Conversely, files with sampling rates below 128 kb/sec will not be played properly.

Important: The above recommendations cannot be taken as a guarantee that the DVD player will play mp3 recordings, or as an assurance of sound quality. You should note that certain technologies and methods for mp3 file recording on CD-Rs prevent optimal playback of these files on your DVD player (that is degraded sound quality and even, in some cases, inability of the player to read the file or files).

Information updated in December 2002

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 33 11/4/04 10:30:24 AM

Additional Information

CD-R and CD-RW discs with JPEG format "image" files

To view your JPEG images on a TV set you do not need to record your photographs with a resolution above 400,000 pixels (which corresponds to an image format of about 720 x 576 dots) because of the resolution of most TVs. Due to this, reduce the quality of your photographs before recording on a disc in order not to impede the proper running of your player. This is because excessively loaded pictures would slow down or might prevent the proper functioning of the slide show during playback on your player. Compatibility of JPEG files depends on the software on which they were created and on the size of files expressed in pixels. Some JPEG files, including continuous JPEG files (displayed in stages) cannot be played on this player.

Video CD (VCD) discs

VCD (Video Compact Disc) discs enable up to 74 minutes of VHS quality video associated with still pictures, audio tracks and interactive menus to be recorded on a CD.

Super Video CD (SVCD) discs

SVCD (Super Video Compact Disc) discs comply with standard IEC62107, making it possible to record up to 70 minutes of digital images and sound at standard MPEG-2 for video and MPEG-1 for audio. Compatibility of SVCD discs depends on the MPEG coding software, the disc design software, as well as the recording software used and the discs themselves.

DVD-R and DVD-RW discs

Your player can play DVD-R and DVD+R (single recording) and DVD-RW and DVD+RW (re-recordable) discs. Recordings on DVD-RW discs must be made in DVD Video mode. Recordings on DVD+RW discs must be made in accordance with the specifications for the 4.7 GB capacity DVD+RW disc format. Compatibility is dependent on which DVD writer, writer software and disks are used.

Important: Despite considerable progress made in providing compatibility with as many different discs as possible, reading of discs not conforming to Audio CD, Video CD and Super Video CD (S-VCD) disc standards cannot be guaranteed.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 34 11/4/04 10:30:25 AM

Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase - Unit exchange, which includes parts and labor.
- 91 days to 1 year from date of purchase - Unit exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

During the initial 90 days:

- Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

After the 90 days and within one year:

Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period. We will bill you a flat exchange charge to replace a defective unit. This charge covers the labor cost for its repair.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.
- Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:
  Thomson Inc.
  11721 B Alameda Avenue
  Socorro, Texas 79927
- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- Insure your shipment for loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.
- A new or refurbished unit will be shipped to you freight prepaid.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 35 11/4/04 10:30:25 AM

Additional Information

What your warranty does not cover:

- Acts of nature, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased or serviced outside the U.S.A.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.

Product Registration:

Please complete the online Product Registration on www.rca.com/productregistration or complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

Graphics are for representation only. Your unit may differ slightly.

DRC616Book 36 11/4/04 10:30:26 AM

Visit the RCA website at www.rca.com

Please do not send any products to the Indianapolis address listed below or on the carton. This will only add delays in service for your product.

Thomson Inc.
10330 North Meridian Street
Indianapolis, IN 46290

©2004 Thomson Inc.
Trademark(s) ® Registered
Marca(s) Registrada(s)
Printed in China
TOCOM 16479240

THOMSON

THOMSON